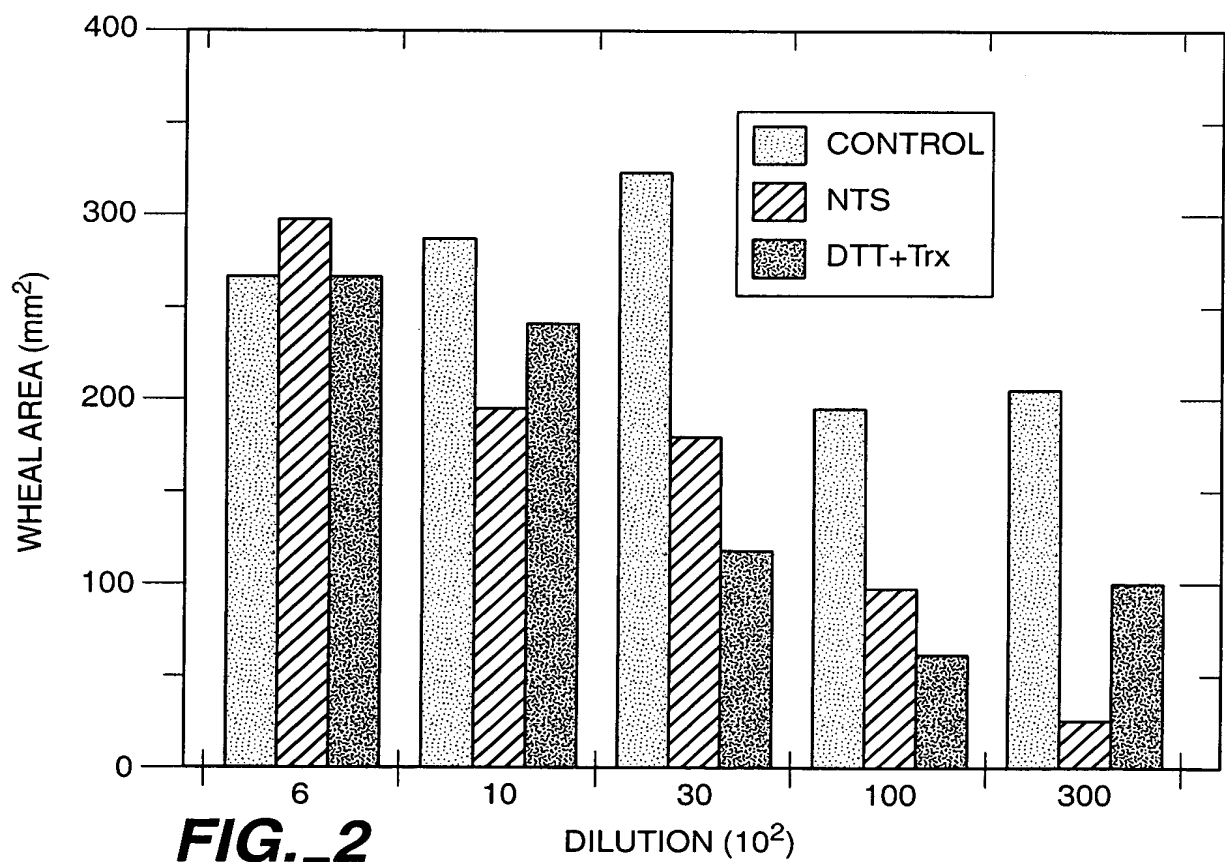
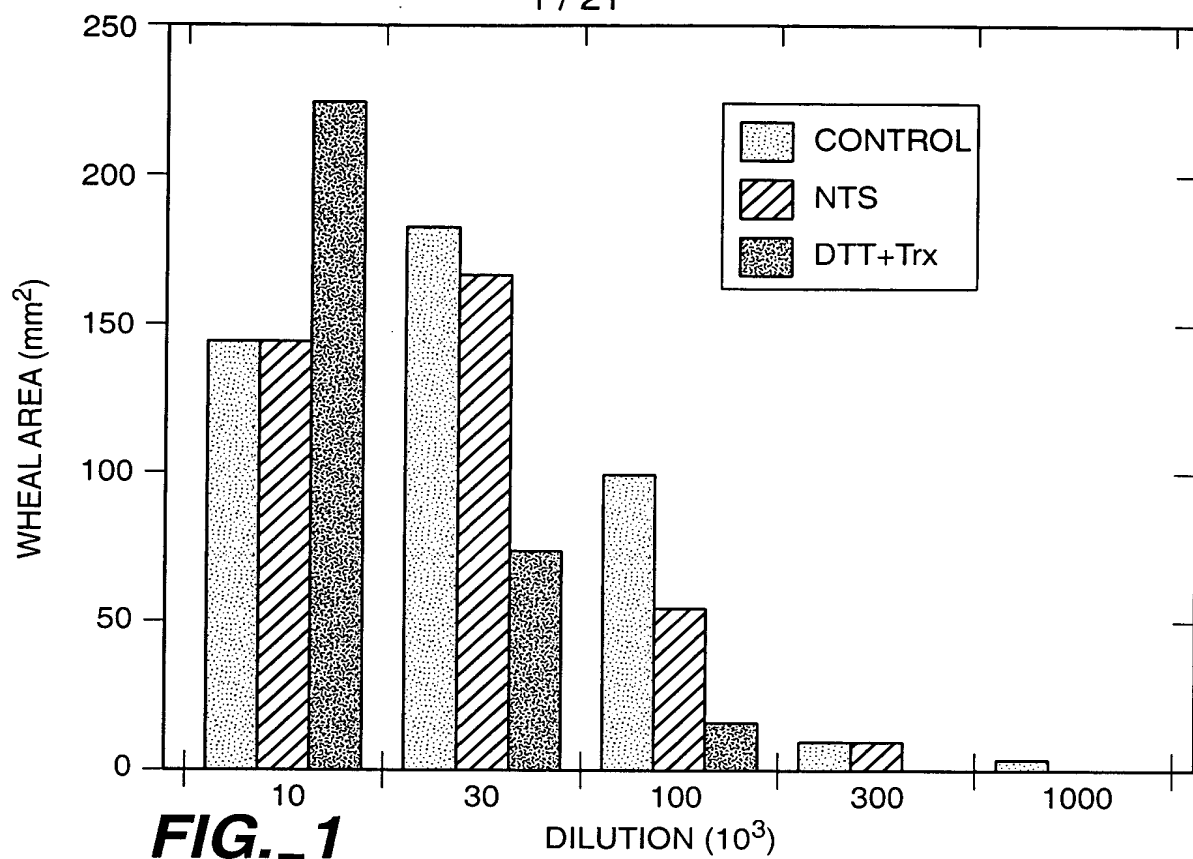
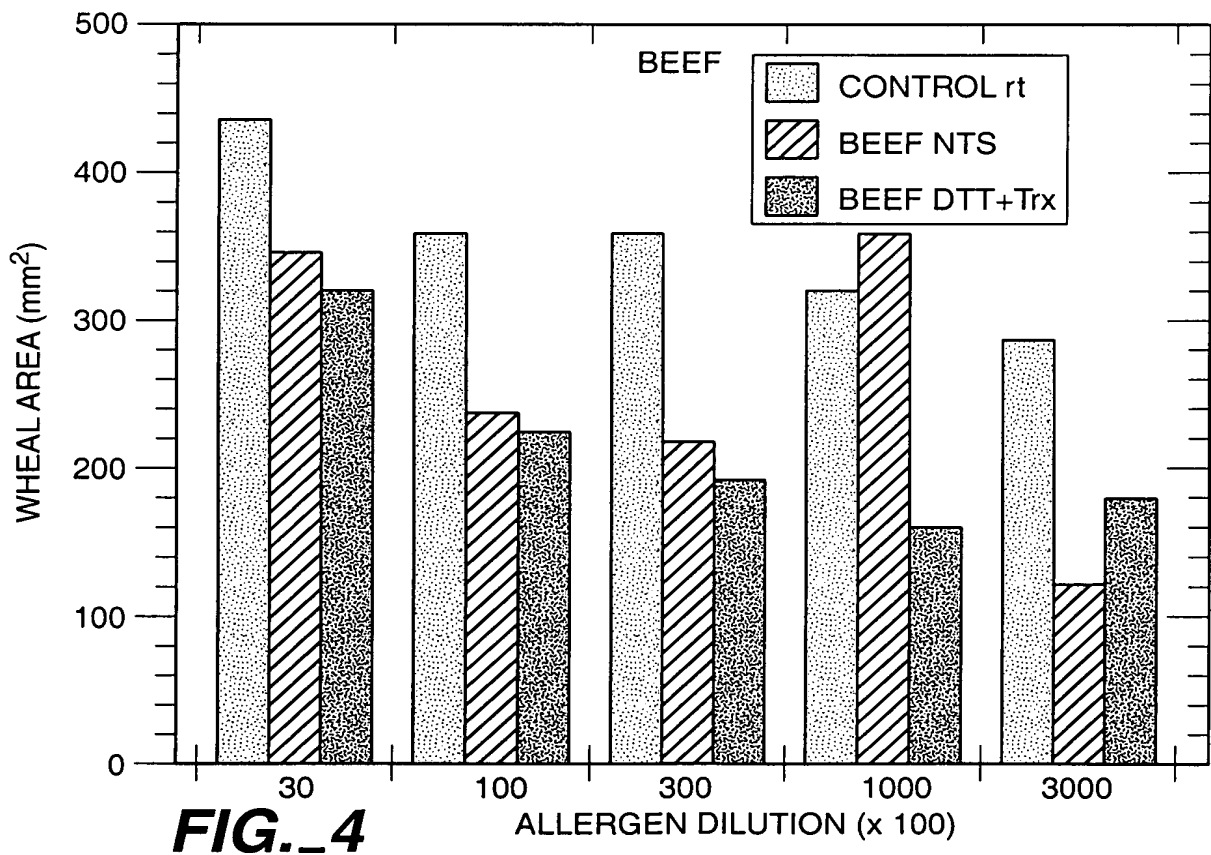
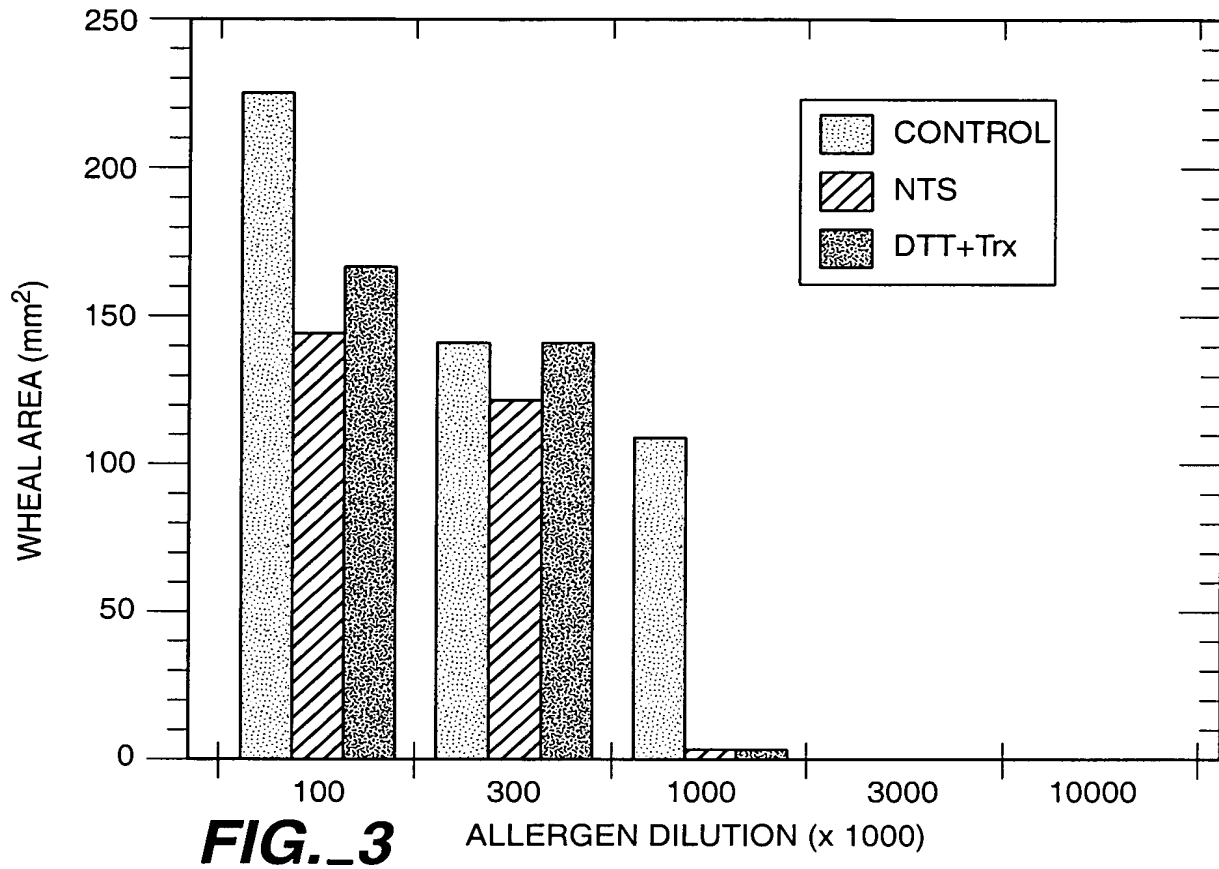


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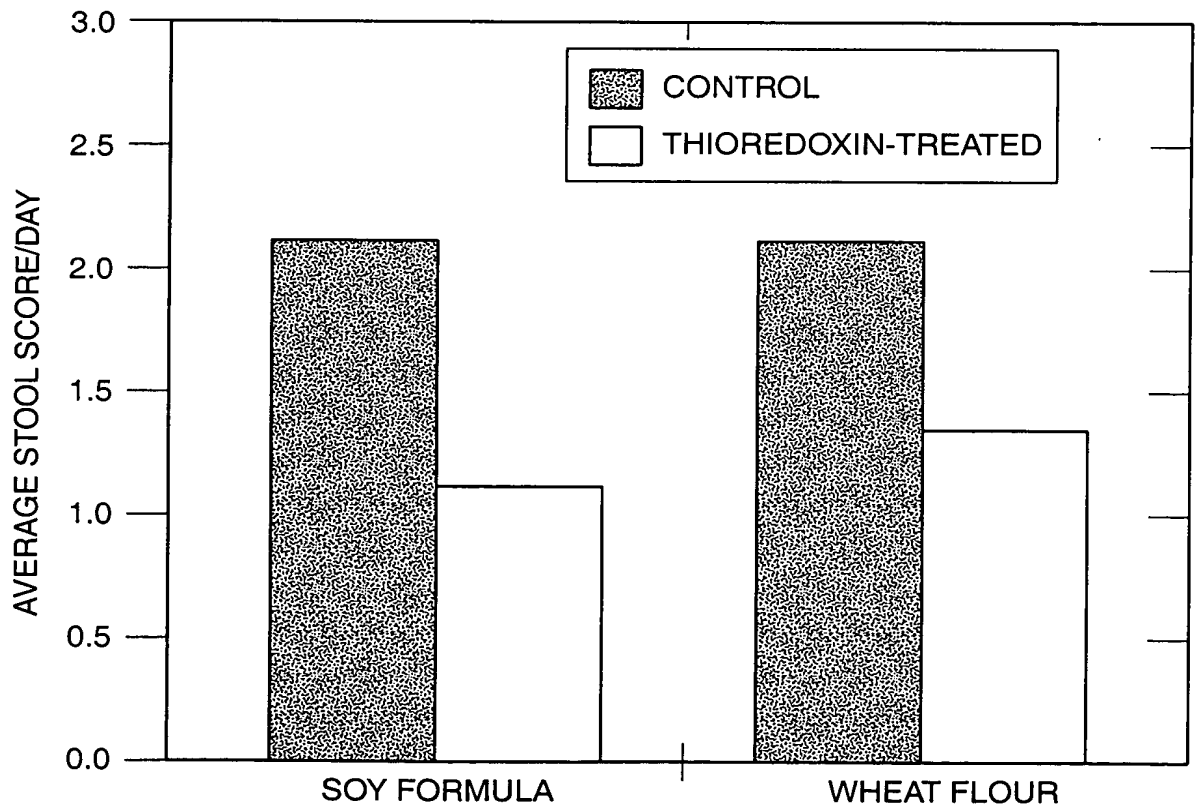
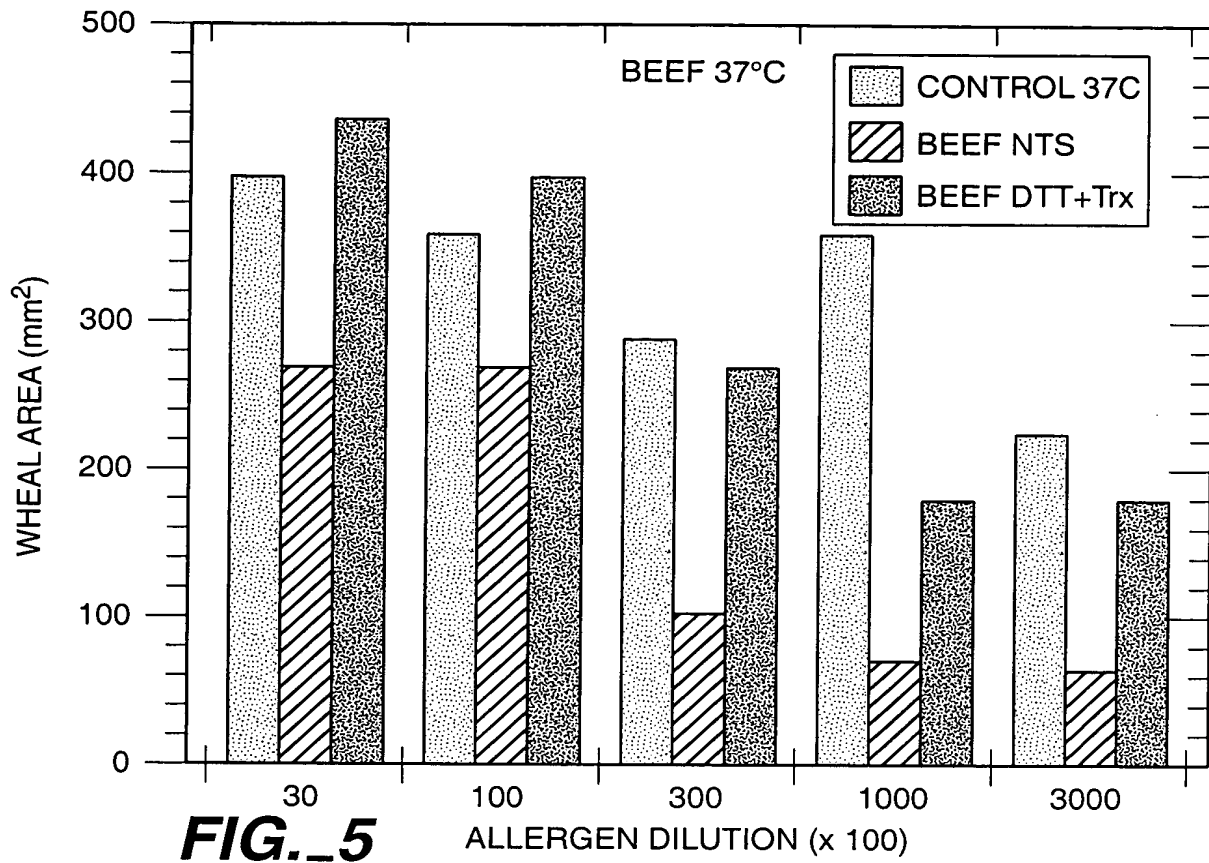




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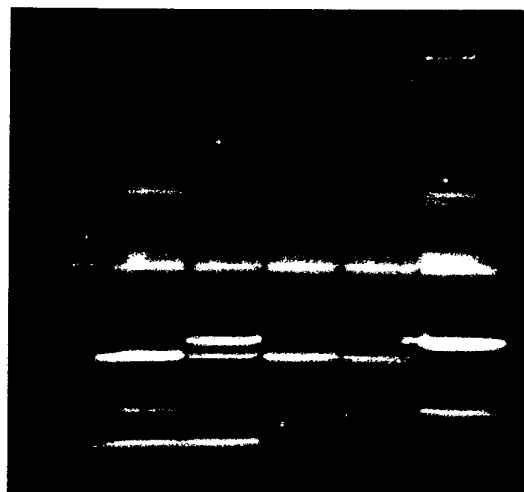
+

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mBBR Fluorescence

Coomassie
blue

1 2 3 4 5 6 7



Casein, 24 kDa

β-Lactoglobulin, 18 kDa

α -Lactalbumin, 13 kDa

DTT

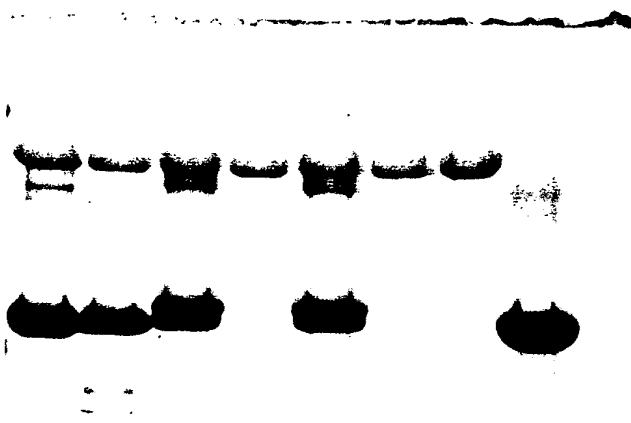
NTS

NGS

| | | | | | | | |
|----|---|----|---|----|---|-----|-----|
| °C | 4 | 55 | 4 | 55 | 4 | 100 | 100 |
|----|---|----|---|----|---|-----|-----|

FIG. 7

1 2 3 4 5 6 7 8



**Pepsin
(35 kDa)**

**β-Lactoglobulin
(18 kDa)**

Reduction, °C

55

4

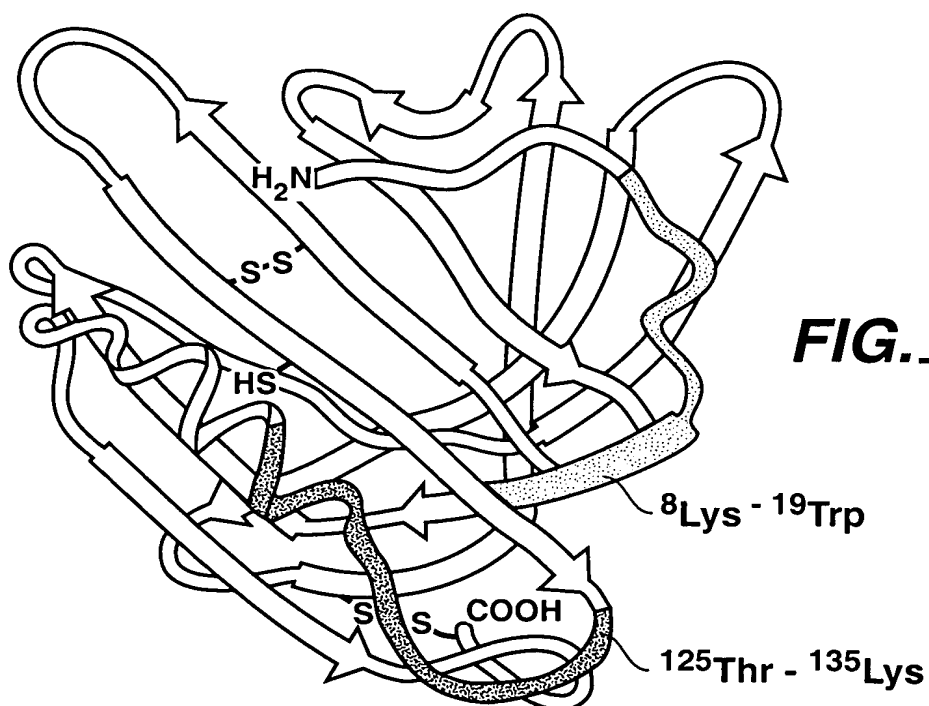
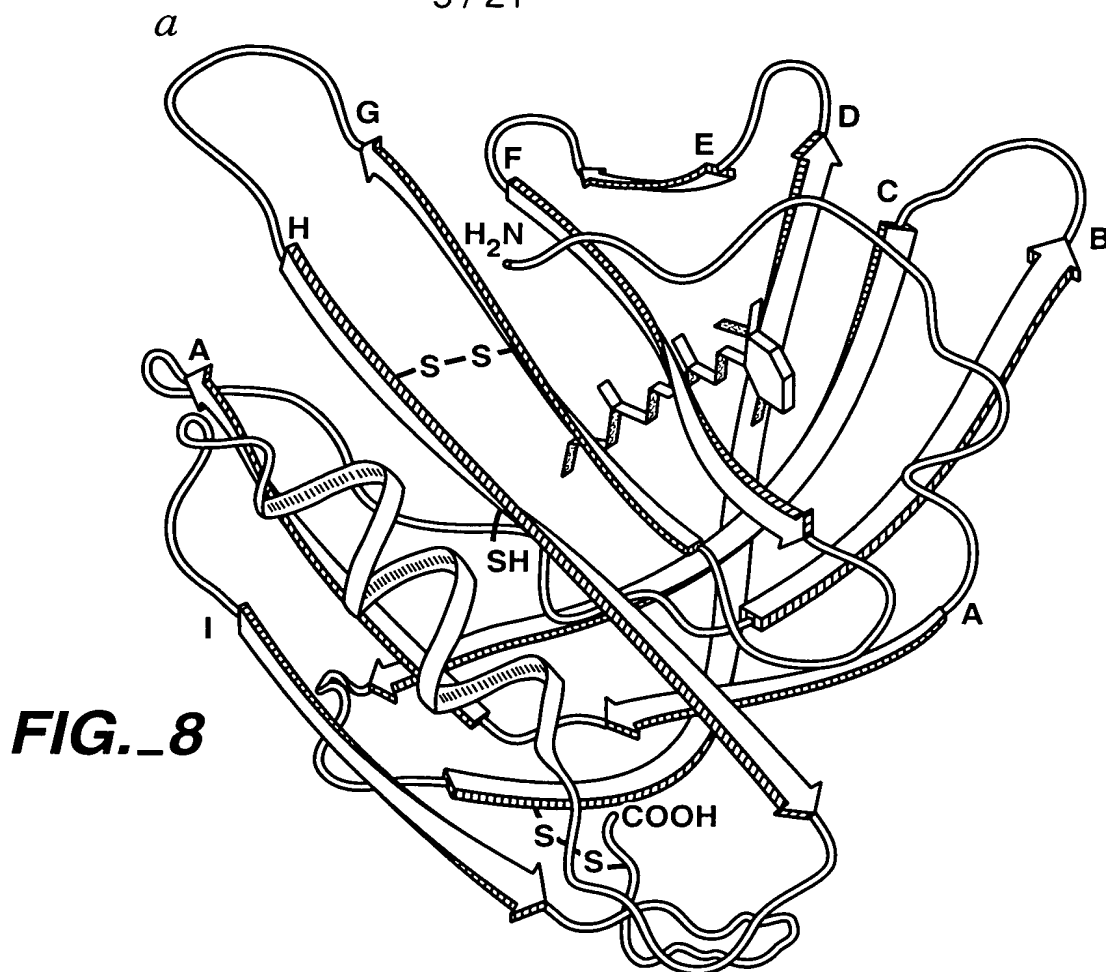
NTS treated

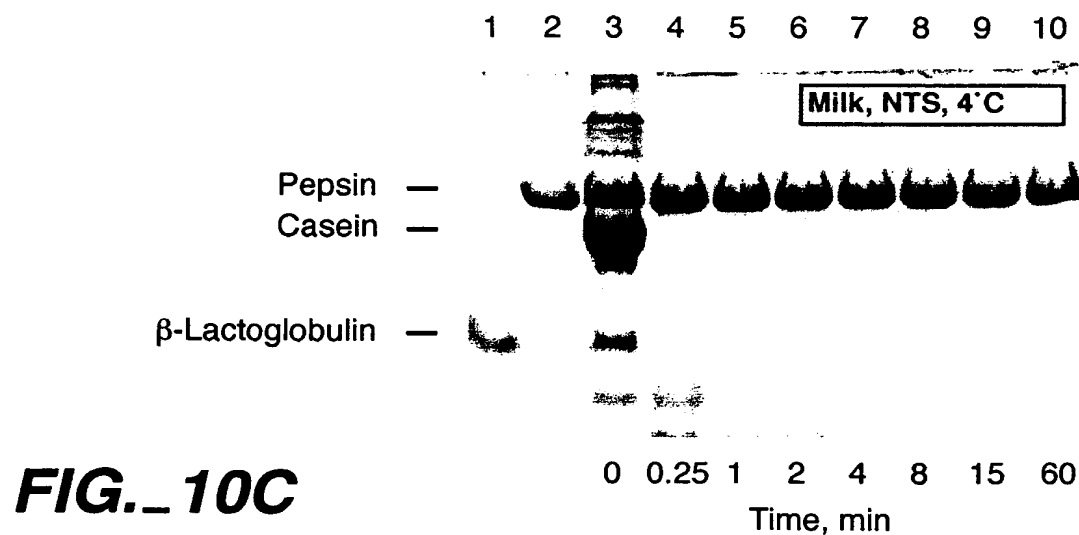
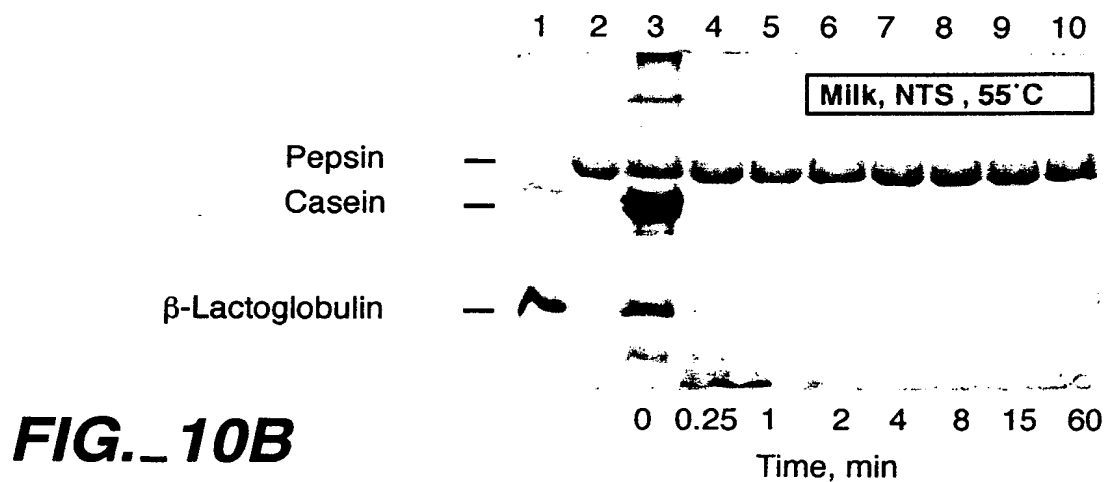
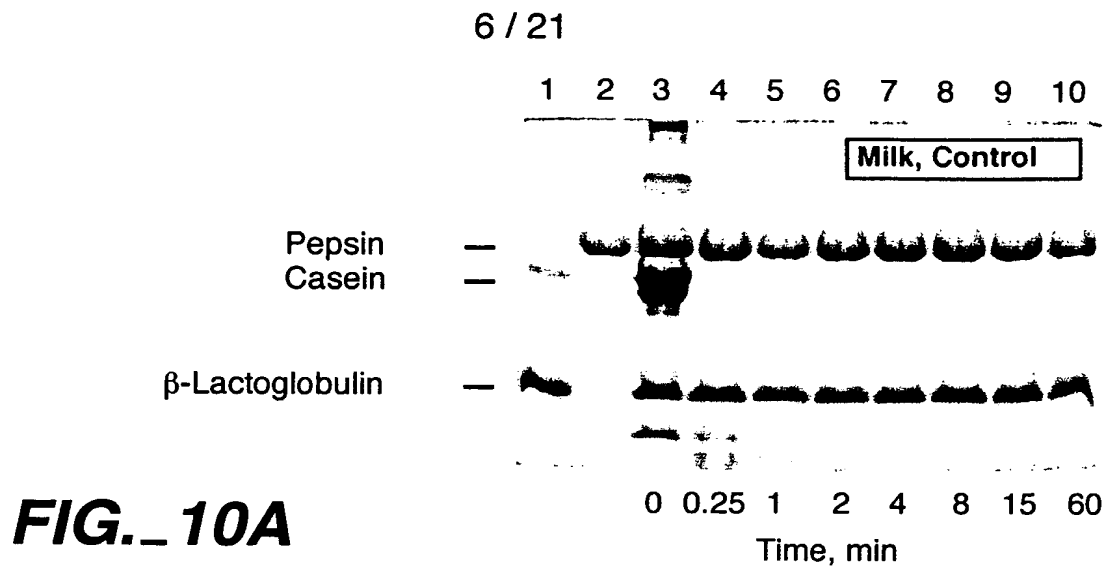
| Digestion at 37 °C, min | 0 | 60 | 0 | 60 | 0 | 60 |
|-------------------------|---|----|---|----|---|----|
|-------------------------|---|----|---|----|---|----|

FIG. 9

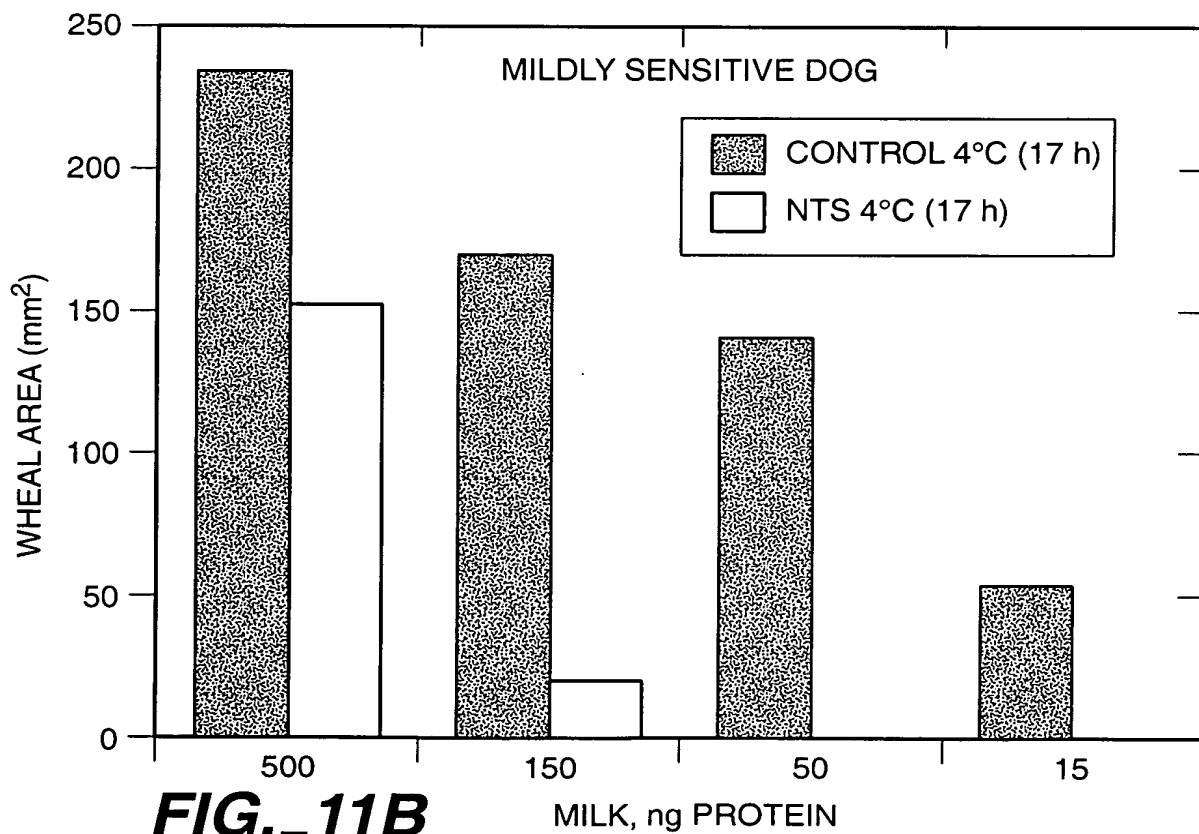
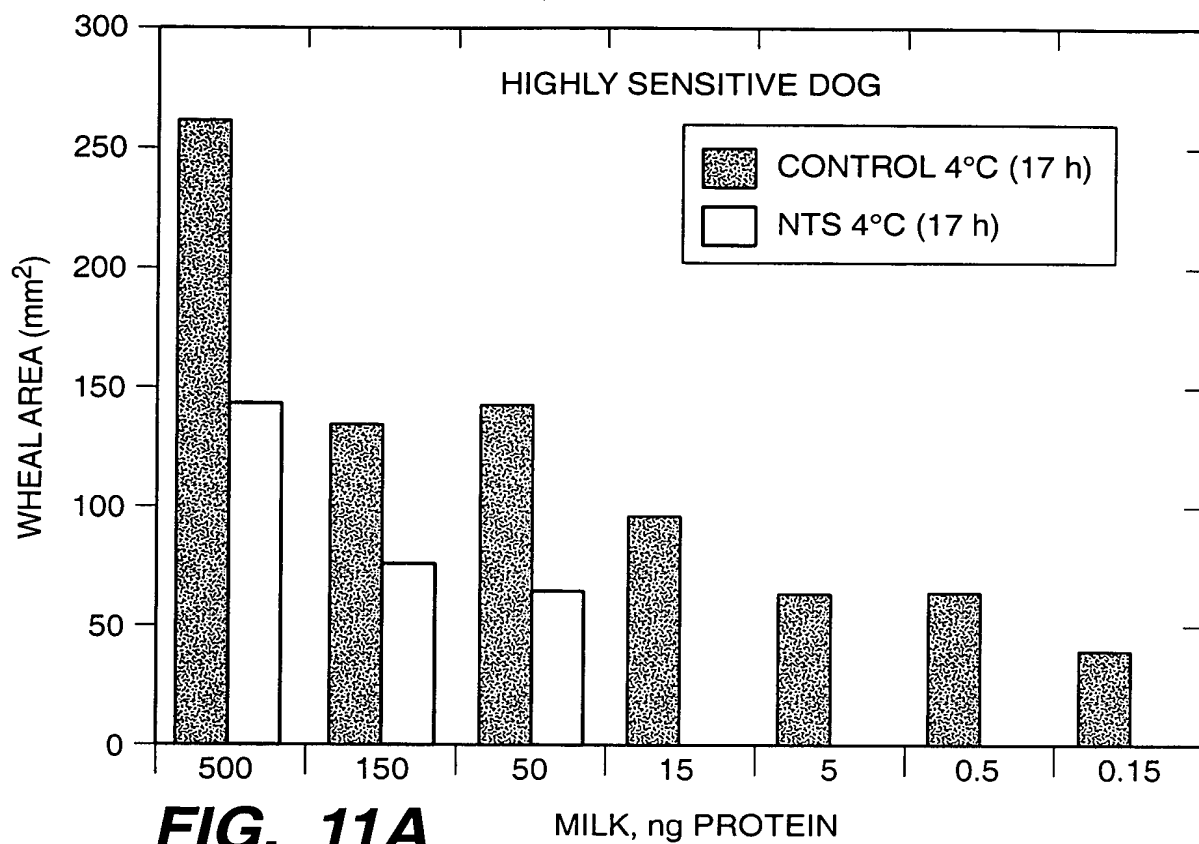


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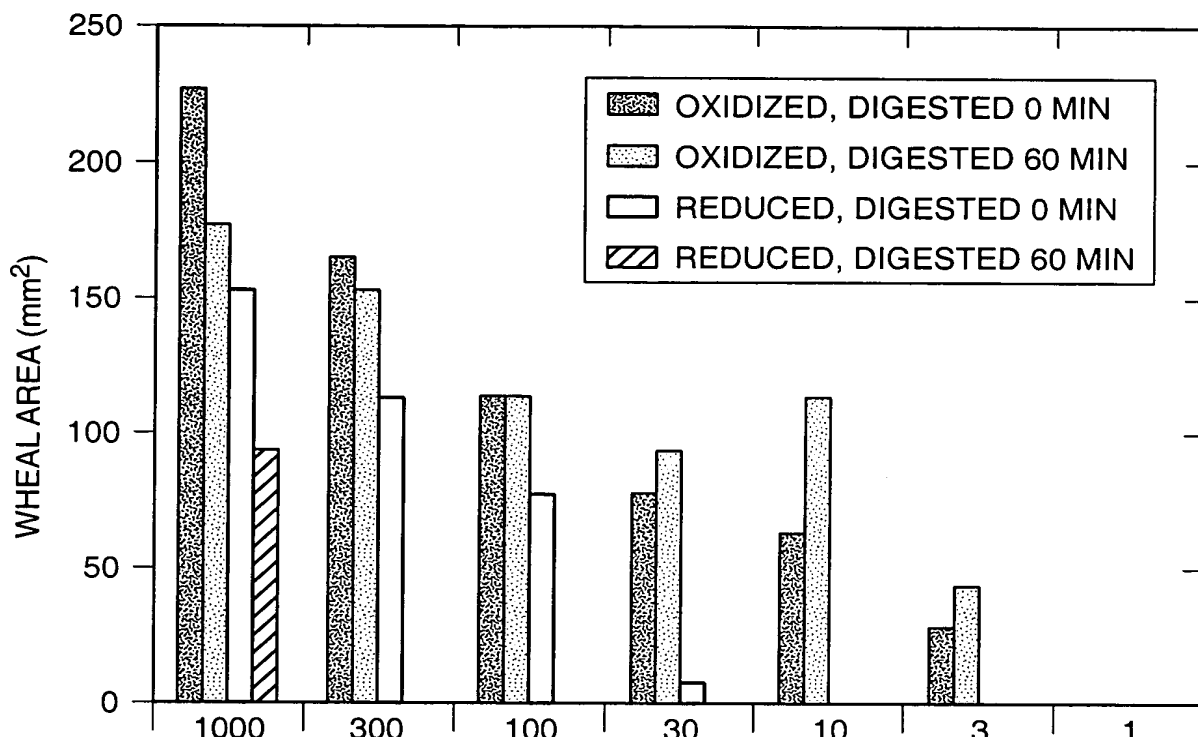
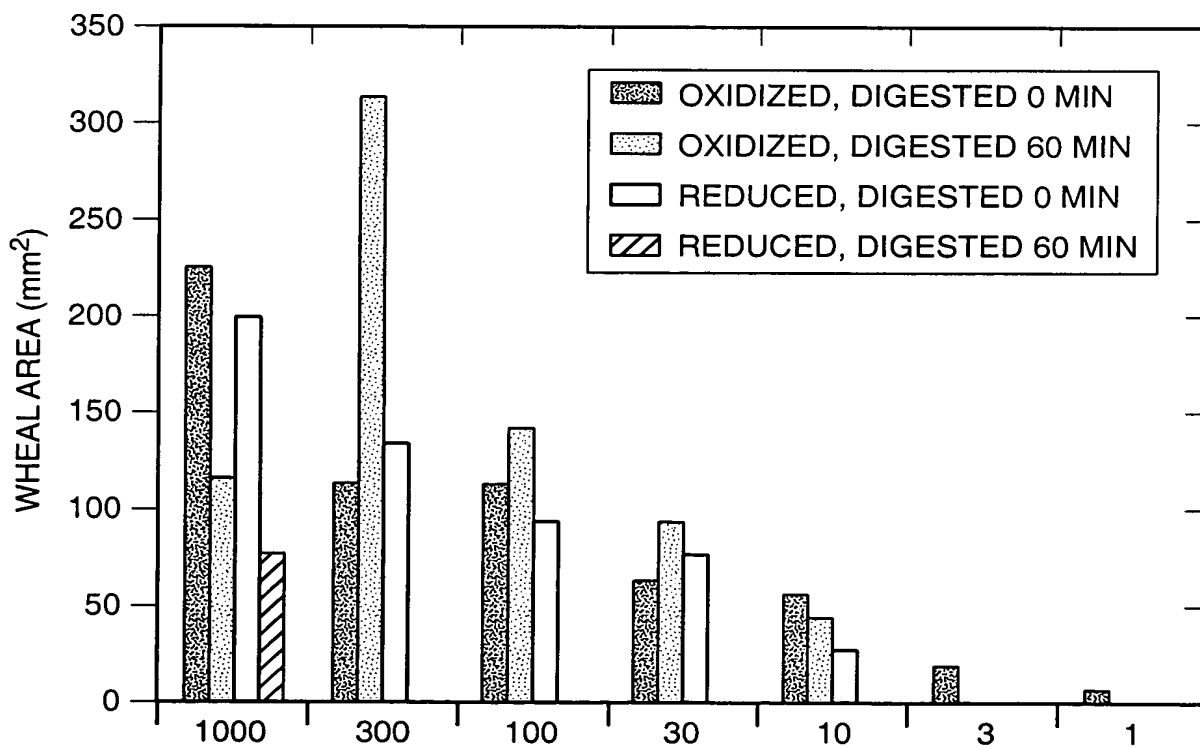


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**FIG. 12A** β-LACTOGLOBULIN INJECTED, ng**FIG. 12B** MILK INJECTED, ng



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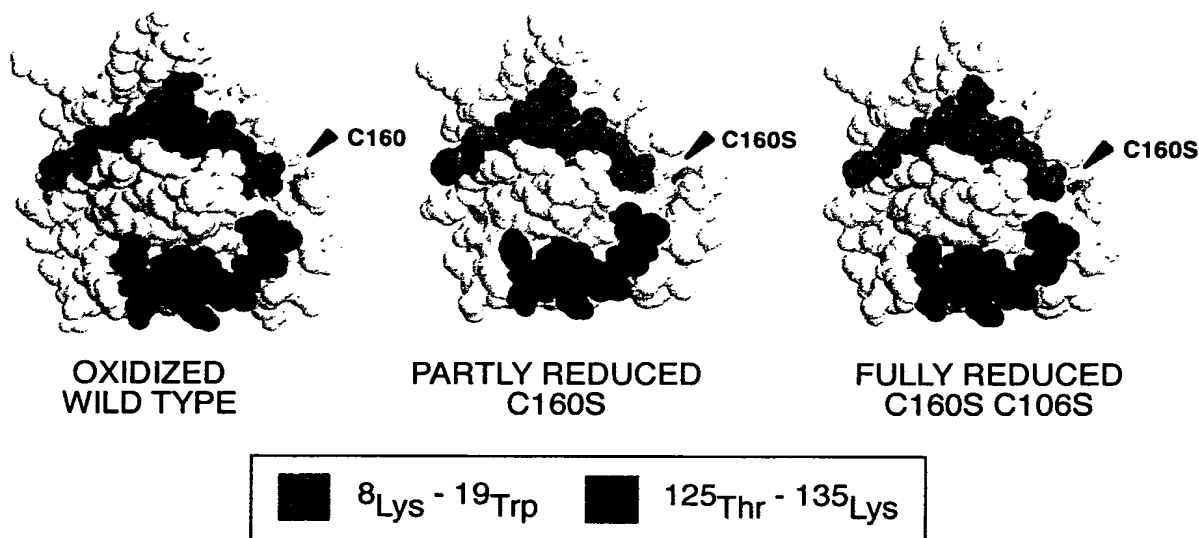


FIG._14

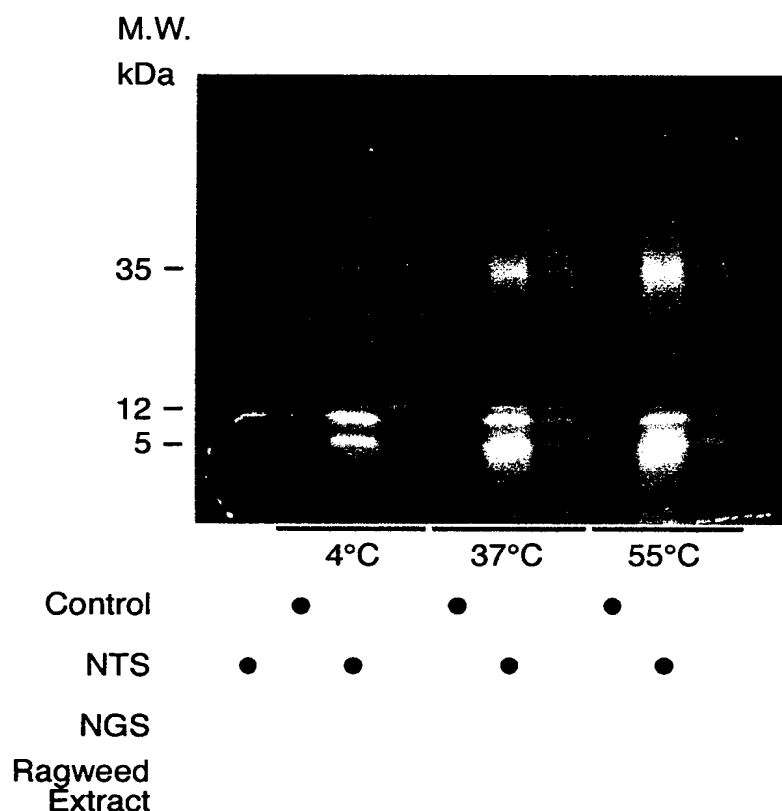


FIG._15



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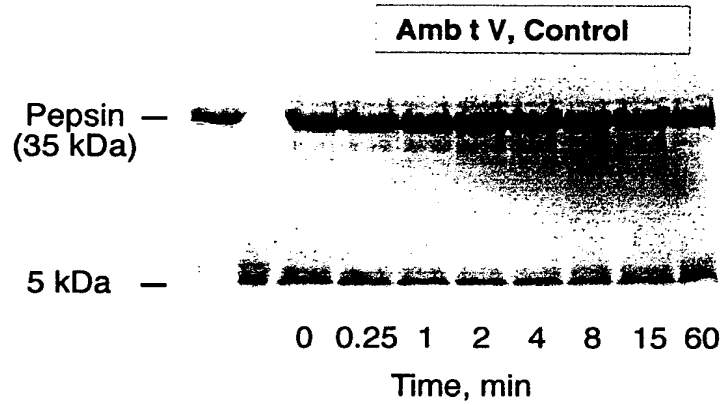


FIG. 16A

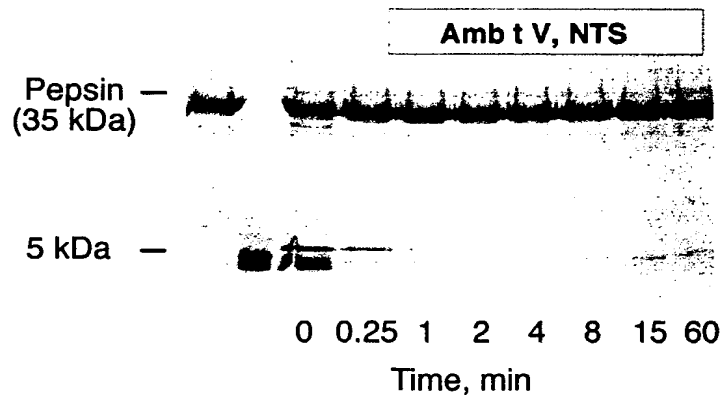
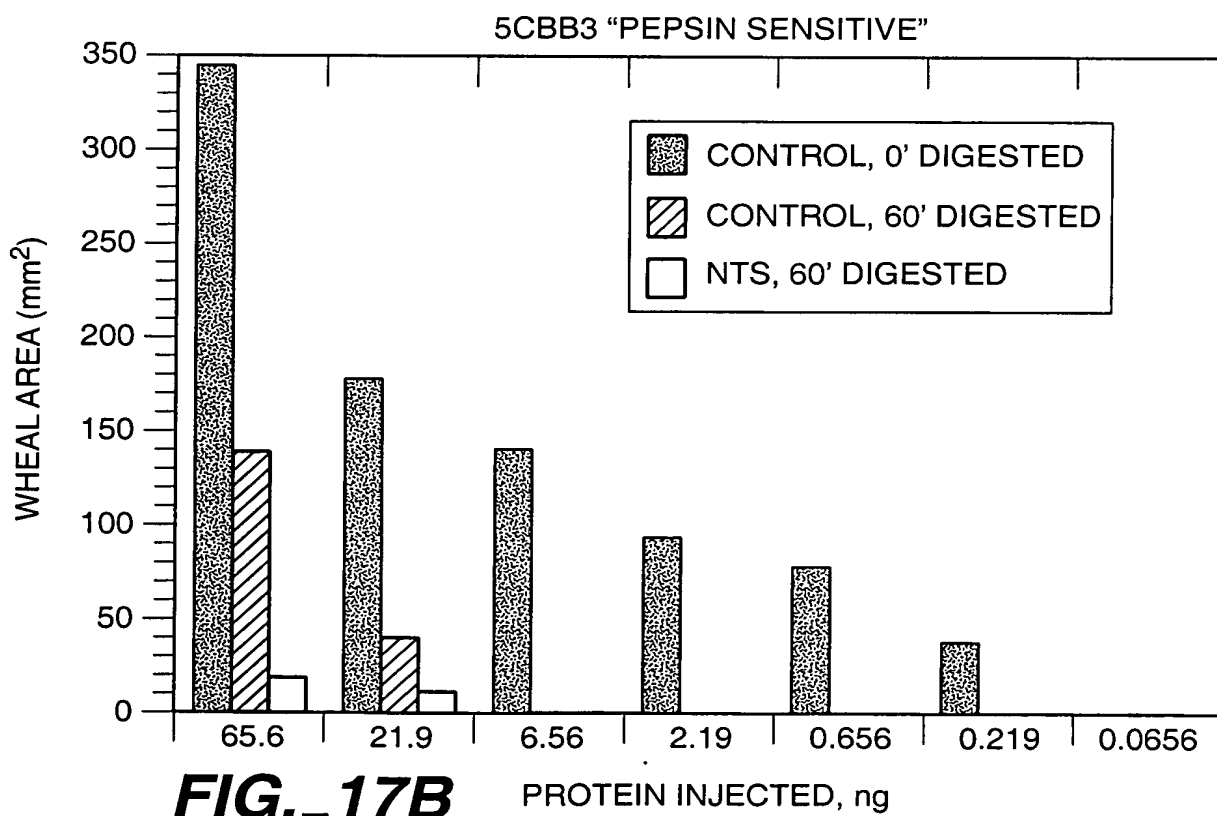
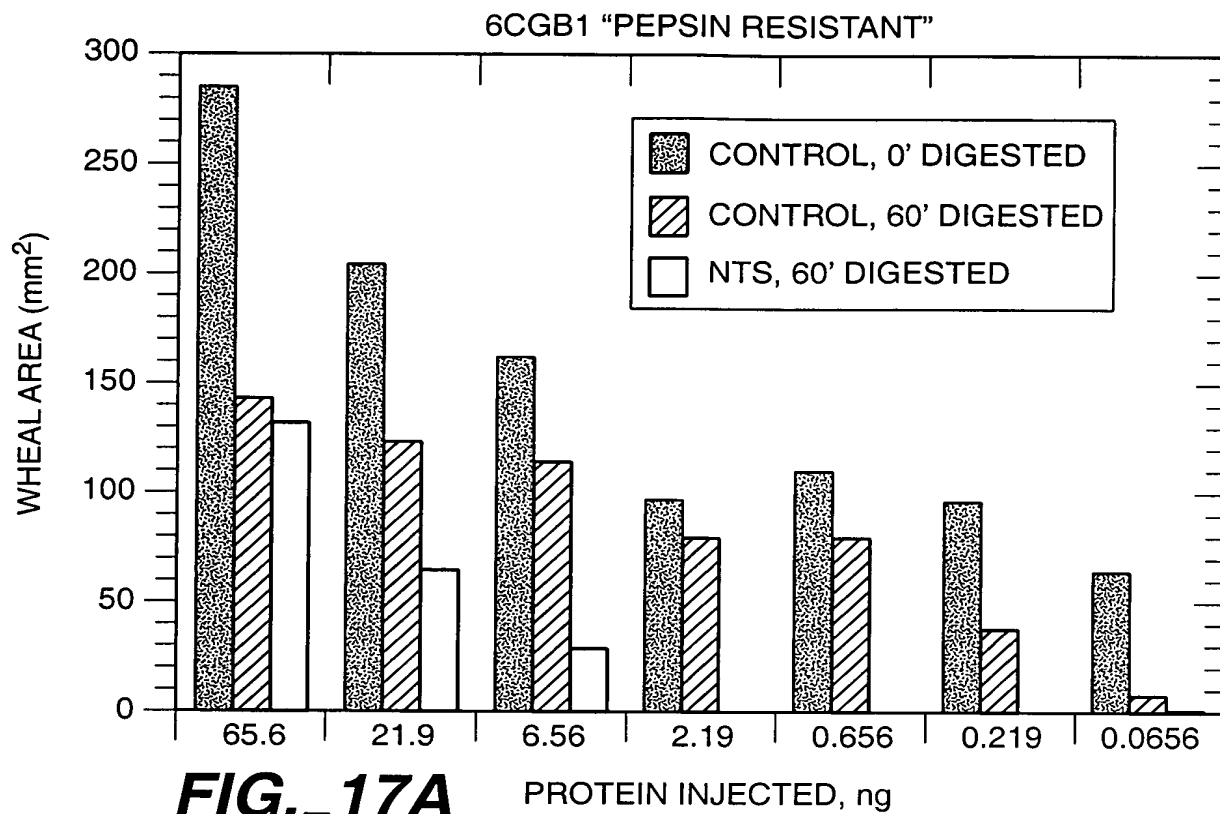


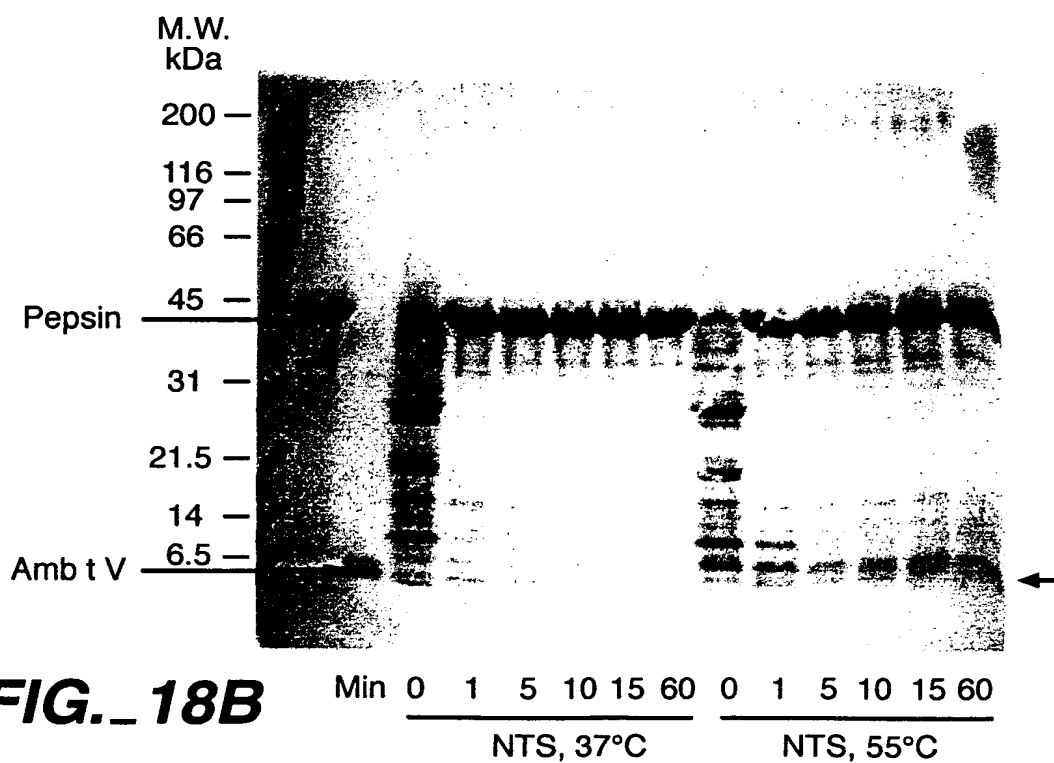
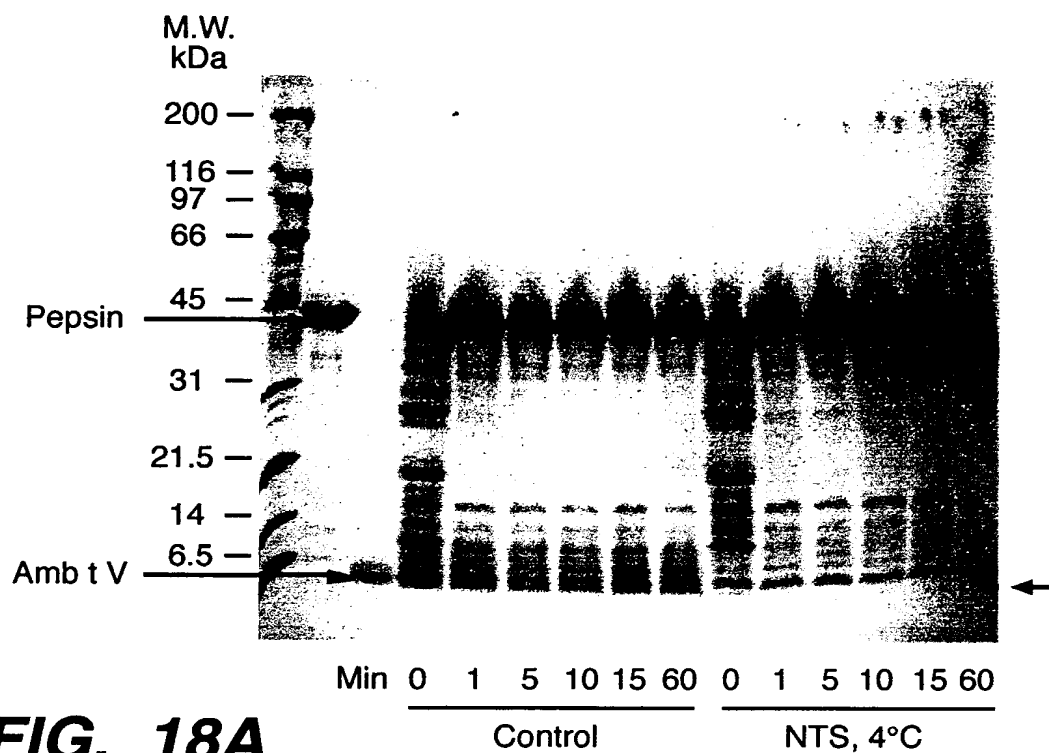
FIG. 16B

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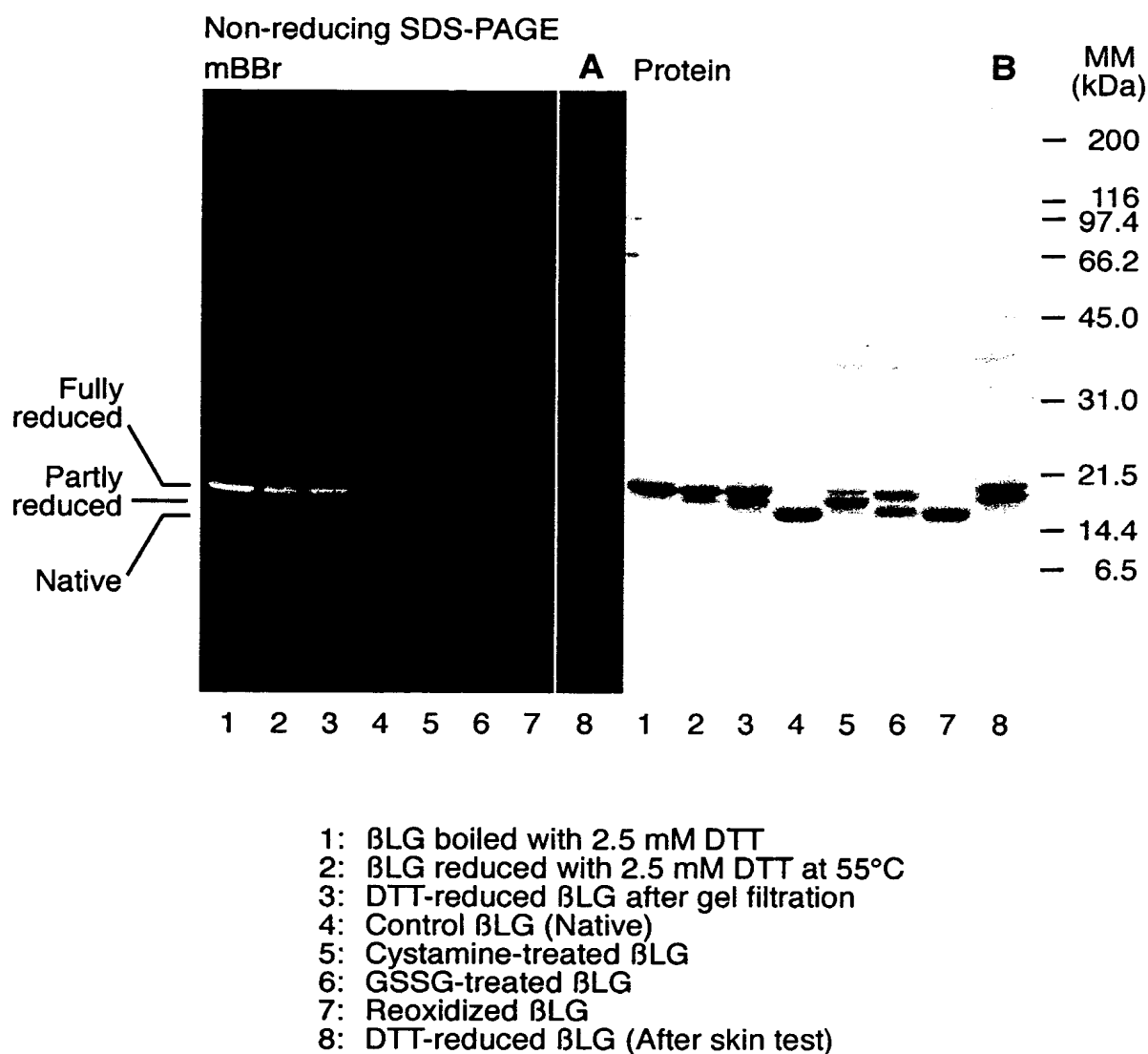


FIG. 19



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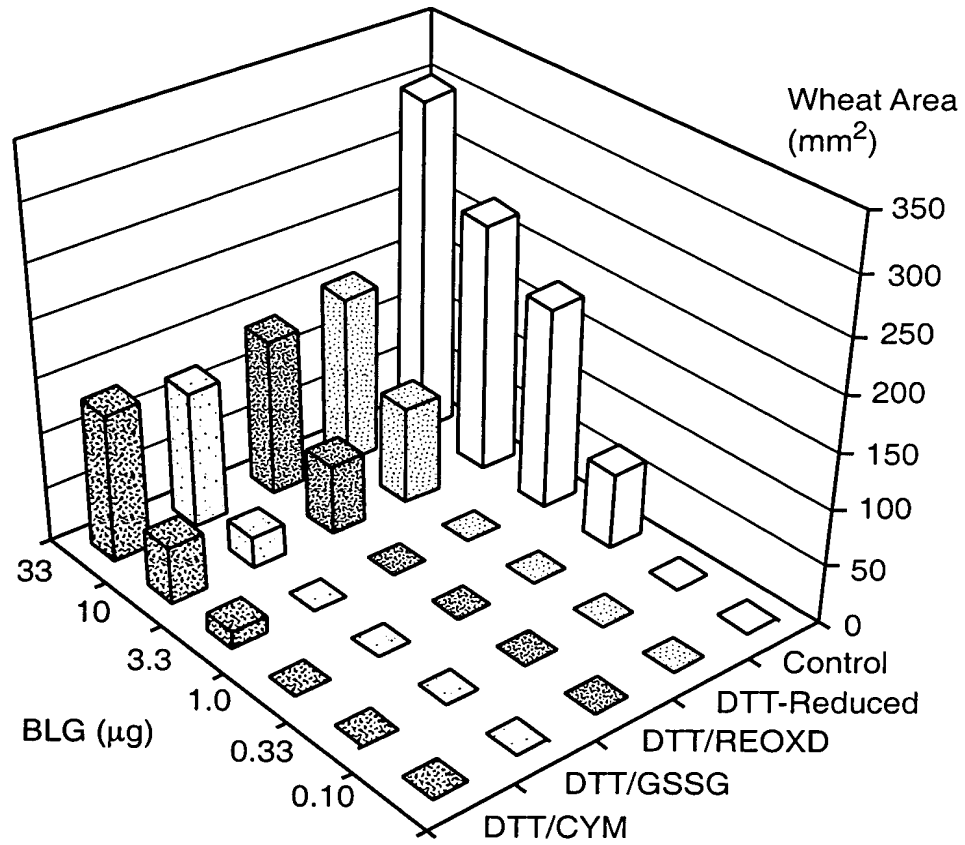
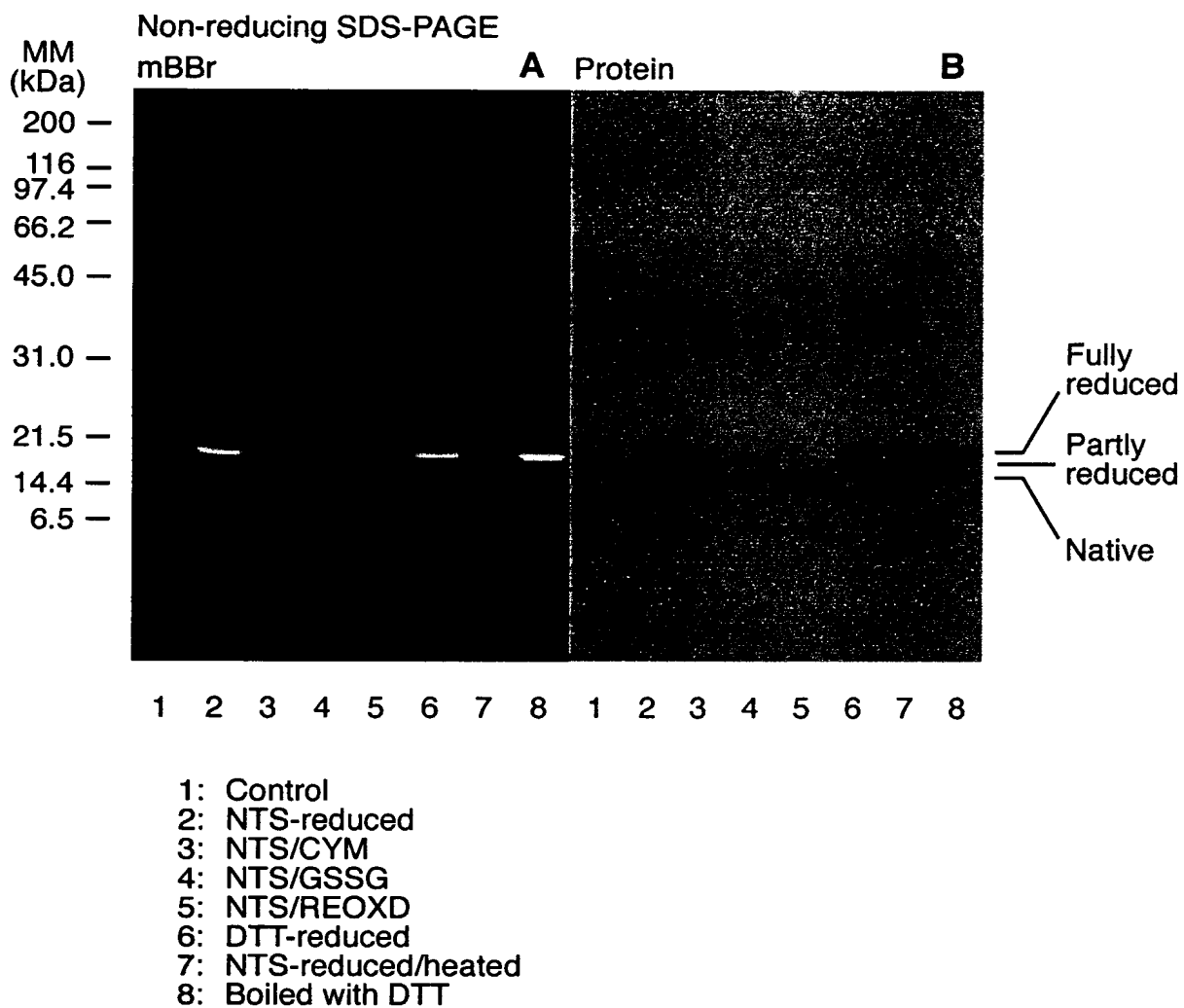


FIG._20

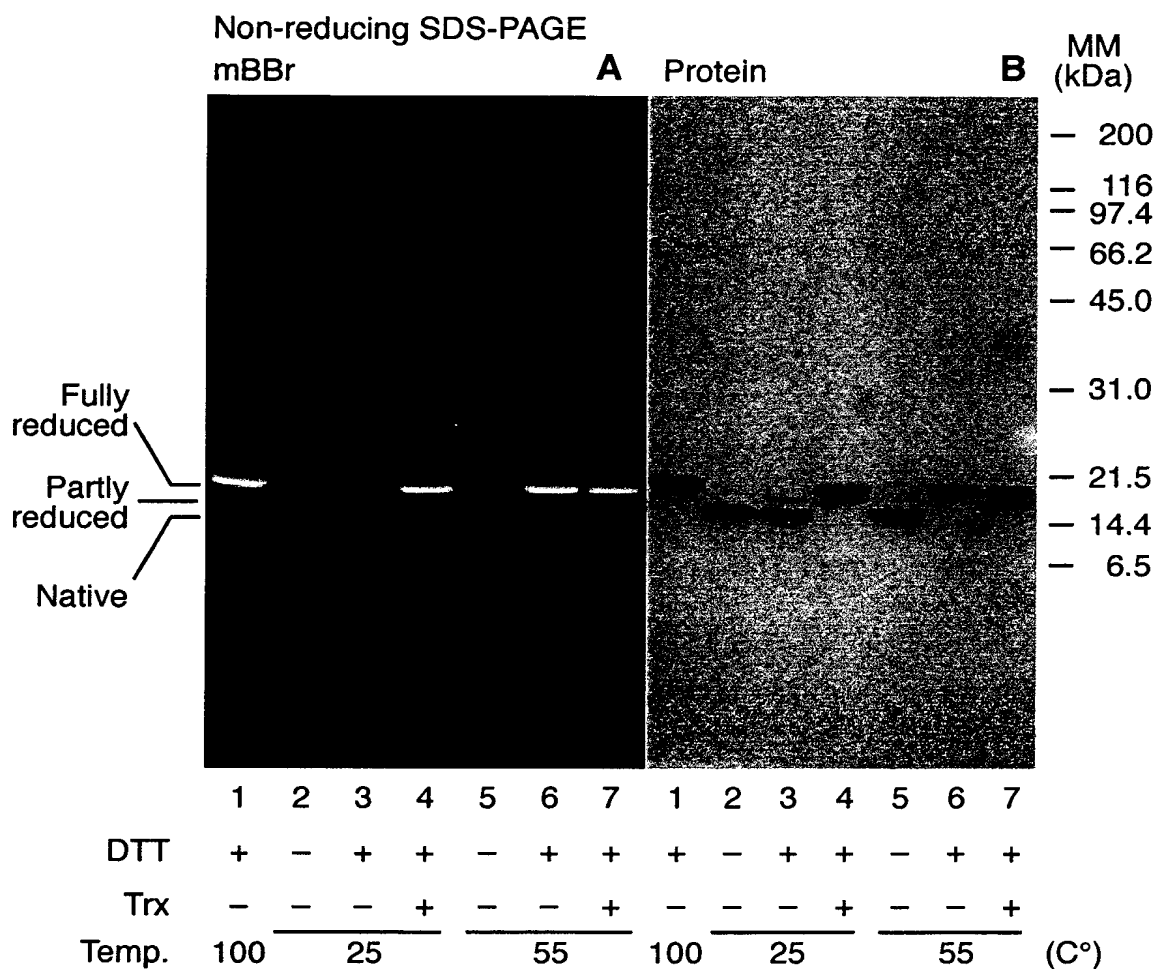


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**FIG. 21**

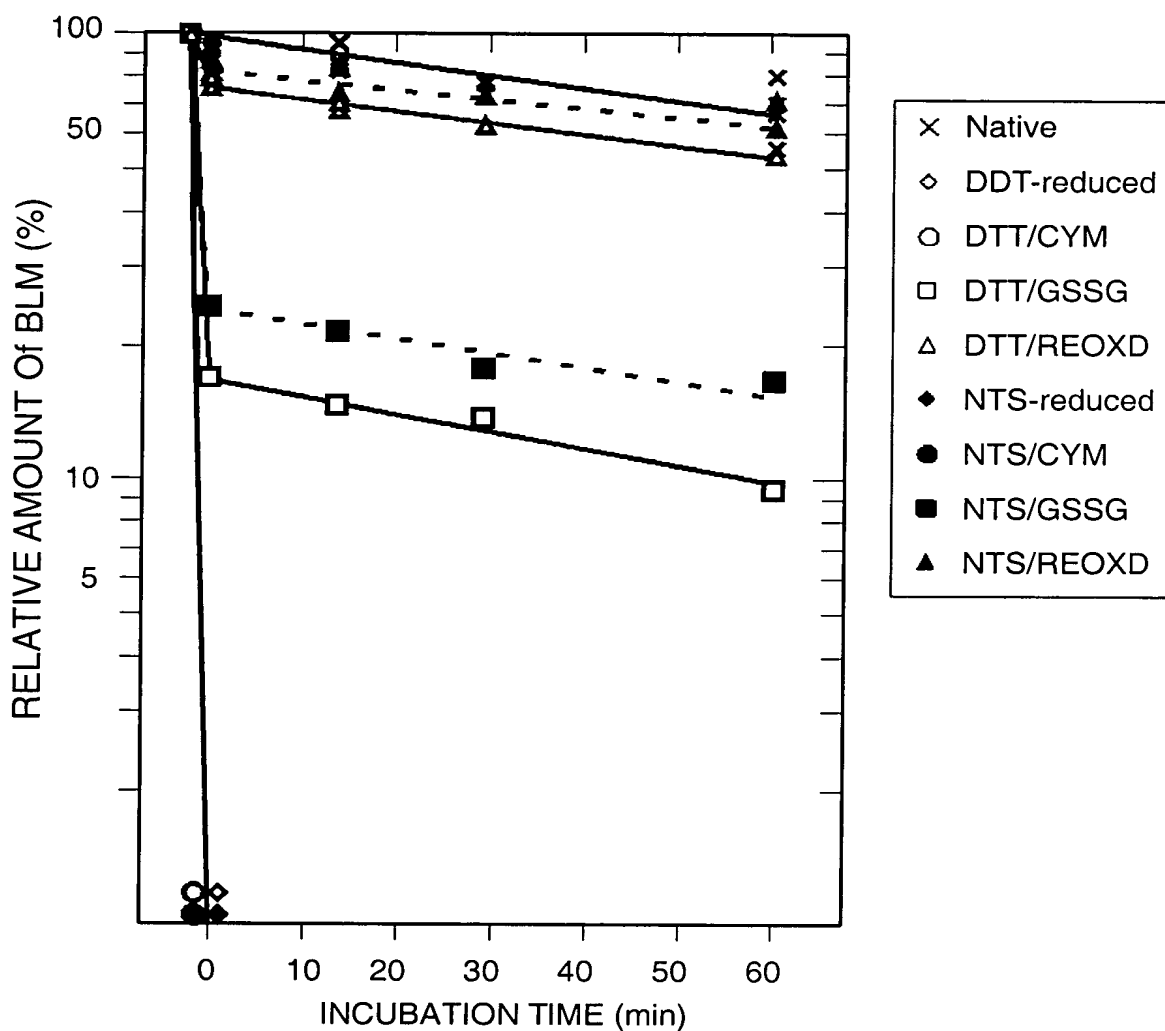


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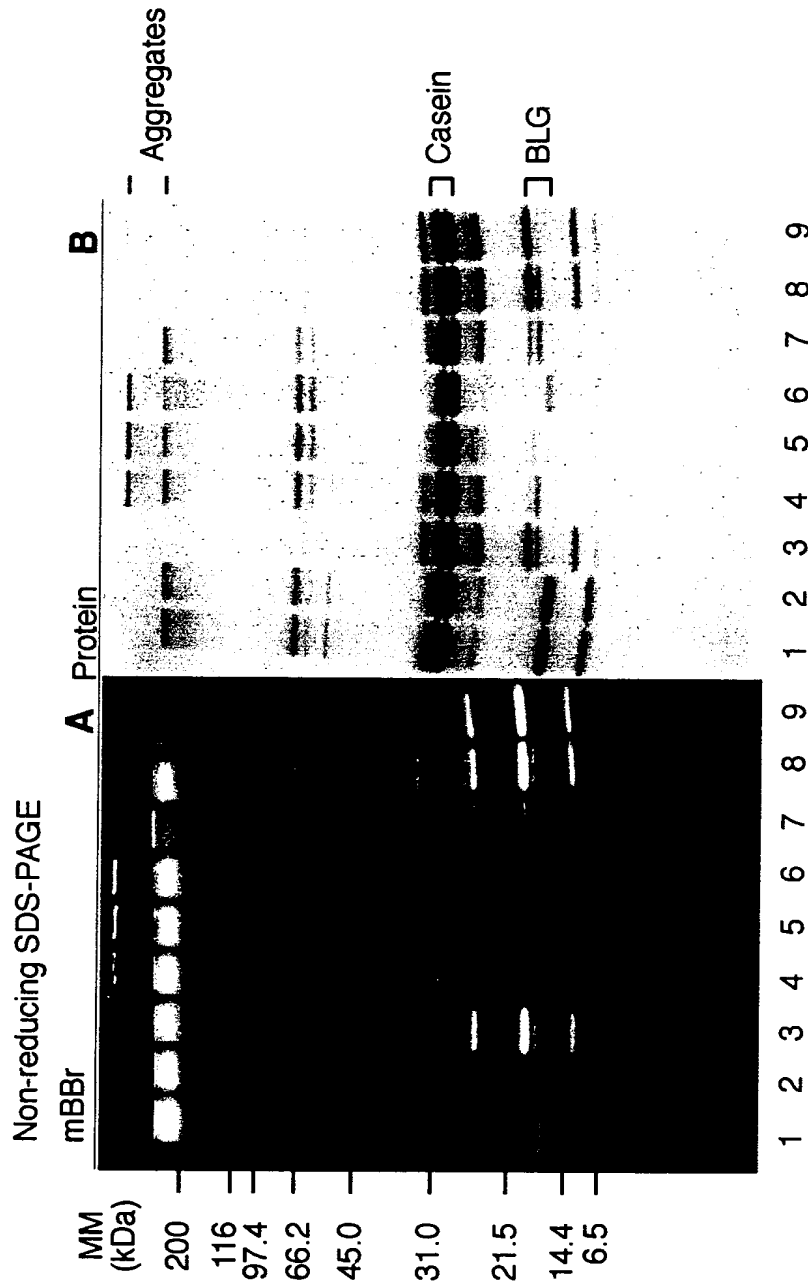
**FIG. 22**



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**FIG. 24**

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- 1: Control milk (Native)
- 2: Heated milk (Gel-filtered)
- 3: DTT-reduced milk (Gel-filtered)
- 4: Cystamine-treated milk
- 5: GSSG-treated milk
- 6: Reoxidized milk
- 7: DTT-reduced milk (After skin test)
- 8: DTT-reduced milk
- 9: Milk boiled with 2.5 mM DTT

FIG. 25

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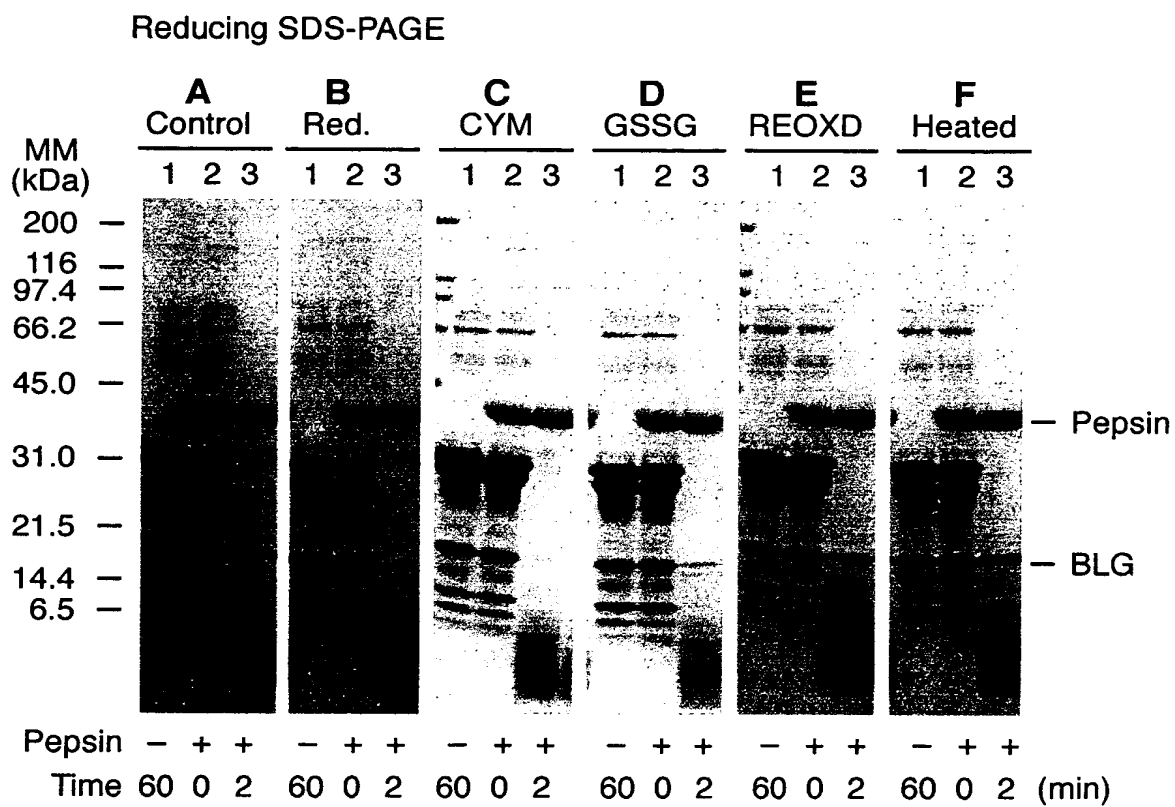


FIG. 26

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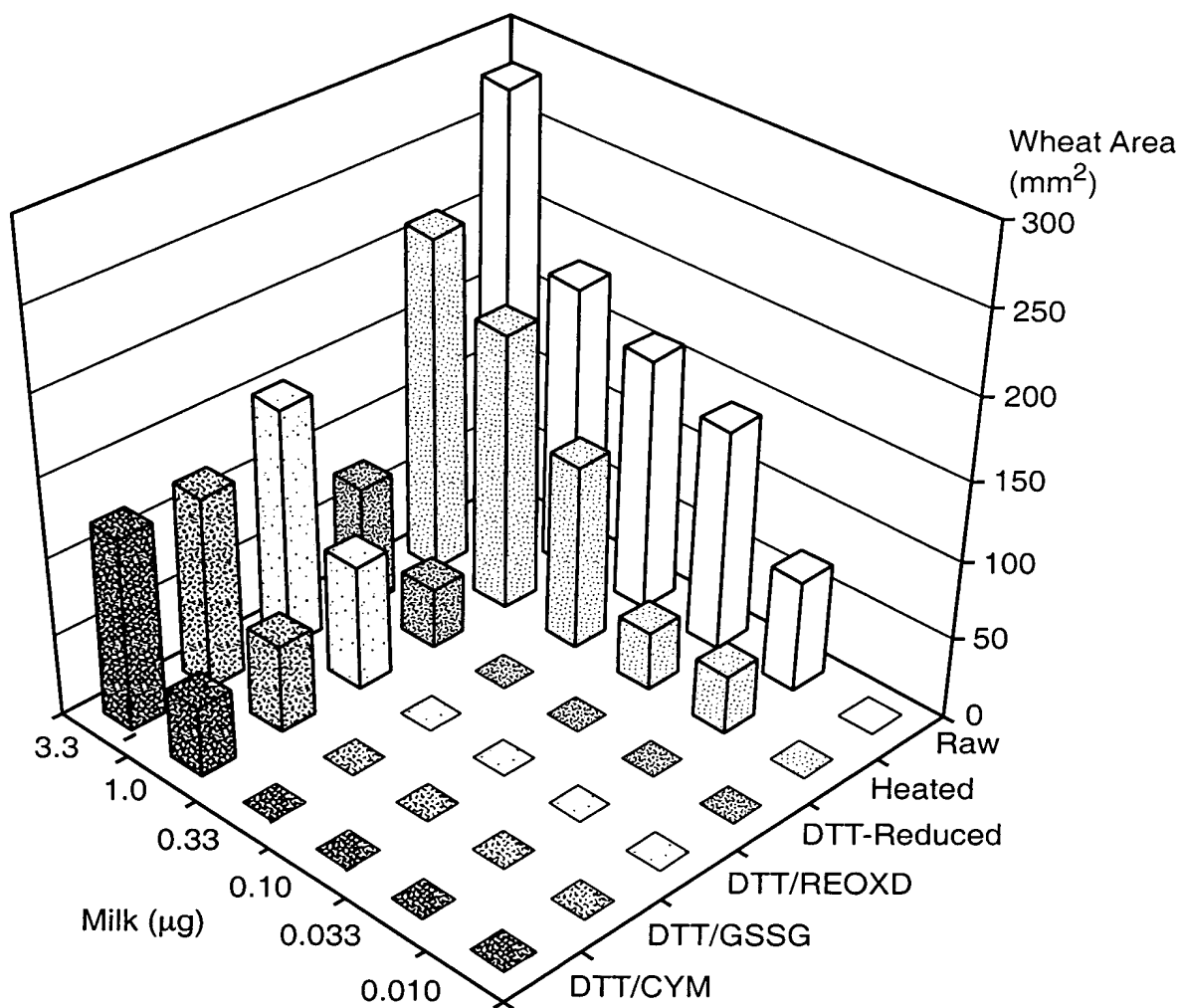


FIG._27